

TRACTEBEL





Upper Trishuli-1HEP								POSITION		Slope at entrance of ADIT NO.3				
STAKE.	TUNNEL DIRECTION	ROCK TYPE	UCS	GROUND WATER	RQD	Jv	Jn	Jr	Ja	Jw	SRF	$Q= \frac{RQD}{Jn} \times \frac{Jr}{Ja} \times \frac{Jw}{SRF}$	ROCK MASS CLASS	DATE
0-4m	NW 33	Mitflu Sch	6	GWI-GWY	50	19-7	3×2	4	3	/-	2.5	4.4	正的	702275
	Occurrence			JOINTS GROUP						FAULT				
NUMBER	Dip direction	Dip angle	SEPARATION (m)	SPACING	NUMBER	PERSISTENCE	ROUGHNESS/ APPEARANCE	FILLING	WEATHER OF ROCK WALL	INFLUENCEDZONE (m)	NATURE		UCS	
J,	195	63	C2	593	4	C3	23	F3.F4	w³			Very	high	>250
2 (Plane)		28	CI		1	C2	RS	FS	W3			Hi	gh	100-250
- riage	2/3	0.4	01									medium high		50-100
												mode	erate	25-50
												Lo	w	5-25
												Very	low	1-5
*													RQD%	
												Excellent quality		90-100%
		-										Good quality		75-90%
												Fair quality		50-75%
							1					Poor quality '		25-50%
												Very poor quality		<25%
												GRO	UNDWATER CO	
												GV	V1	Completely dry
												GV		Damp
												G\		Wet
												GV	V4	Dripping
												GV	V5	Flowing

SEPARATION(APERATURE) SPACING OF JOINTS		PERSISTENCE	ROUGHNESS/APPEARENCE	F	ILLING	WEATHER OF ROCK WALL	FAULT NATURE	
O:Very tight <0.1mm	SP1:VERY WIDE - >2m	C1:Very low <1m	R1:very rough surfaces	F1: rock sillar	F8: Breccia	W1:unweathered	FC1: downthrown fault	
1:Tight 0.1-0.5mm	SP2:WIDE:0.6-2m	C2:Low 1-3m	R2:rough surfaces	F2: rock sliver	F9: Cataclasite	W2:slightly weathered	FC2:层 upthrown fault	
2:moderately open	SP3:200-600mm	C3:medium 3-10m	R3:slightly rought surfaces	F3: rock fragments	F10 Mylonite	W3:moderately weathered	FC3:层 strike-slip fault	
3:open joints 2.5-10mm SP4:60-200mm		C4:High 10-20m	R4:smooth surfaces	F4: rock powder	F11: Fault clay	W4:highly weathered	FC4: Crushed bedding plane	
4:Wide 10-30mm	SP5: < 60mm	C5:Very high >20m	R5:slickensided surfaces	F5: Calcium film	F12: Sliced rock		(zone)	
5:Very wide >30mm		EO: Left wall	A1: planar	F6: Calcite vein	F13: argillized seam	W6:residual soil	FC5: Alteration zone	
		E1: Top wall	A2: stepped	F7: Quartz vein	F14: clay course		FC6: fault striation	
		E2: Dight wall	A3: undulating	F15: weak intercalated	lavers siltized	7.		

RECORD: Cher husjiang

DAY I MONTH 2 YEAR Jahl. CHECK: You Kiss Wei

DAY J MONTH 2

YEAR 2022

